

## **Spatial Data Guidelines – Multipurpose Marine Cadastre (MMC)**

These guidelines establish the criteria for submission of spatial data to the Multipurpose Marine Cadastre's national viewer, and to the registry of spatial data. The purpose of these guidelines is to ensure that the quality and documentation of the MMC data meet the mission requirements of the marine spatial planning community and are technically feasible to implement. These guidelines will be reviewed on an annual basis and updated as necessary.

**National Viewer:** The goal of the national viewer is to provide authoritative geospatial data and supporting information to support initial planning, coordination, and other activities associated with coastal and marine spatial planning. The viewer contains marine cadastral data, which encompasses the spatial extent, usage, rights, restrictions, and responsibilities of marine areas; as well as other data needed to support planning, management, and conservation of submerged lands and marine spaces. The vision is a distributed data system where the viewer is populated and maintained via web map services or web accessible folders provided by the authoritative or trusted source.

Data meeting the following requirements may be considered for inclusion in the national viewer.

- Meet thematic content requirements of the MMC project. Themes include:
  - o Jurisdictional Boundaries and Limits
  - o Government Regulations
  - o Navigation and Marine Infrastructure
  - o Marine Habitat and Biodiversity
  - o Geology and Seafloor
  - o Human Use
- The geographic scope is of national extent
- Be at an appropriate scale and resolution for regional planning, site analysis, and permit review (to be determined by project advisory team)
- Have complete and accurate FGDC metadata
- Data providers include additional supporting information about the data set not readily available through FGDC metadata (eg. Common uses, reliability, etc) for use in the viewer data sheets.
- Does not duplicate existing viewer content
- *Data originates from an authoritative or trusted source*
- NGO Derived data and methodologies must be approved by authoritative source, and or project advisory team.
- Format of the data is readily accessible by the MMC development team
- Does not have copyright restrictions limiting distribution

**Spatial Data Registry:** The goal of the MMC spatial data registry is to provide references to data that state and local managers can acquire for ocean planning and management issues. Compared to the National Viewer, registry content is expected to be wide ranging; and include primary layers such as marine jurisdictions, marine infrastructure, geo-regulations and other elements provided at a state, regional, and national scale. These data are intended to be in a readily useable format as static files to be downloaded or as a connection to a web service.

Data meeting the following requirements may be considered for inclusion in the spatial data registry.

- Meet thematic content requirements of the MMC project. Themes include:
  - o Jurisdictional Boundaries and Limits
  - o Government Regulations
  - o Navigation and Marine Infrastructure
  - o Marine Habitat and Biodiversity
  - o Geology and Seafloor
  - o Human Use
- Be at an appropriate scale and resolution for regional planning, site analysis, and permit review (to be determined by project advisory team)
- Have complete and accurate FGDC metadata
- *Data originates from an authoritative or trusted source*
- Derived data and methodologies must be approved by authoritative source, and or project advisory team.
- Does not have copyright restrictions limiting distribution